



AMENDMENTS

IN THE CLAIMS

Please amend the claims as shown below. A complete set of claims, including their current status, is presented.

1-25. (Cancelled)

26. (Currently amended) A recombinant ING2 protein encoded by the contiguous polynucleotide sequence of nucleotides 120-845 of the nucleic acid set forth in SEQ ID NO:7 ~~NO:4~~, ~~3, 4, 7 or 9~~.

27. (Currently amended) A recombinant ING2 protein, comprising an amino acid sequence having at least about 90% sequence identity to the sequence set forth in SEQ ID NO:8 ~~NO:2, 4, 6, 8, or 10~~, wherein said recombinant ING2 protein binds to an inhibitor of apoptosis protein (IAP).

28. (Cancelled)

C1 29. (Currently amended) A recombinant ING2 protein, consisting essentially of the amino acid sequence set forth SEQ ID NO:8 ~~NO:2, 4, 6, 8, or 10~~.

30. (Currently amended) The recombinant ING2 protein of claim ~~27~~ or 29, wherein said ING2 protein will bind to an inhibitor of apoptosis protein (IAP).

31. (New) An isolated protein having a sequence set forth in SEQ ID NO:8 or variant thereof, wherein said isolated protein binds to an inhibitor of apoptosis protein (IAP).

32. (New) The isolated protein of claim 31, wherein said isolated protein has a sequence set forth in SEQ ID NO:8.